1.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a

5   database, publications of patent registrations subjected to

registration from among patent applications filed by a

specified enterprise within a specified period;

average period required for registration calculation

means for calculating a required registration period for

10   individual applications by subtracting a filing date from a

registration date indicated in the acquired publications of

registrations, calculating an accumulated required

registration period by counting the calculated required

registration period for all patents subjected to the

15   registration, and calculating the average period required for

registration through dividing the accumulated required

registration period by the total number of patents subjected

to the registration; and

output means for outputting the calculated average period

20   required for registration to display means, printing means,

recording medium, or another telecommunications device via a

communication line.

2.   An enterprise evaluation device, comprising:

25   official gazette acquisition means for acquiring, from a

database, publications of patent registrations subjected to

152

registration from among patent applications filed by a

specified enterprise within a specified period;

average period required for registration calculation

means for calculating a required registration period for

5   individual applications by subtracting a filing date from a

registration date indicated in the acquired publications of

registrations, calculating an accumulated required

registration period by counting the calculated required

registration period for all patents subjected to the

10   registration, and calculating the average period required for

registration through dividing the accumulated required

registration period by the total number of patents subjected

to the registration and the average number of days of one year

or one month; and

15   output means for outputting the calculated average period

required for registration to display means, printing means,

recording medium, or another telecommunications device via a

communication line.

20   3.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a

database, publications of patent registrations subjected to

registration from among patent applications in a predetermined

technical field filed by a specified enterprise within a

25   specified period;

average period required for registration calculation

153

means for calculating a required registration period for

individual applications by subtracting a filing date from a

registration date indicated in the acquired publications of

registrations, calculating an accumulated required

5   registration period by counting the calculated required

registration period for all patents subjected to the

registration, and calculating the average period required for

registration through dividing the accumulated required

registration period by the total number of patents subjected

10   to the registration; and

output means for outputting the calculated average period

required for registration to display means, printing means,

recording medium, or another telecommunications device via a

communication line.

15

4.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a

database, publications of patent registrations subjected to

registration from among patent applications in a predetermined

20   technical field filed by a specified enterprise within a

specified period;

average period required for registration calculation

means for calculating a required registration period for

individual applications by subtracting a filing date from a

25   registration date indicated in the acquired publications of

registrations, calculating an accumulated required

registration period by counting the calculated required

registration period for all patents subjected to the

registration, and calculating the average period required for

registration through dividing the accumulated required

5   registration period by the total number of patents subjected

to the registration and the average number of days of one year

or one month; and

output means for outputting the calculated average period

required for registration to display means, printing means,

10   recording medium, or another telecommunications device via a

communication line.

5.   The enterprise evaluation device according to any one of

claims 1 to 4,

15   wherein the publications of registrations are

publications of patent registrations, publications of examined

patent applications, publications of examined utility model

applications or publications of utility model registrations;

and

20   wherein, when the publications of registrations are

utility model publications, the patent application refers to a

utility model application, and the patent subjected to

registration refers to a utility model subjected to

registration.

25

6.   An enterprise evaluation device, comprising:

155

official gazette acquisition means for acquiring, from a database, unexamined publications requested for examination and publications of patent registrations subjected to registration from among patent applications filed by a

5   specified enterprise within a specified period;

average period before examination request calculation means for calculating a period before examination request for individual applications by subtracting a filing date from a date of examination request described in the acquired

10   unexamined publications or publications of registrations, calculating an accumulated period before examination request by counting the calculated period before examination request for all patents requested for examination, and calculating the average period before examination request through dividing the

15   accumulated period before examination request by the total number of patents requested for examination; and

output means for outputting the calculated average period before examination request to display means, printing means, recording medium, or another telecommunications device via a

20   communication line.

7.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications requested for examination

25   and publications of patent registrations subjected to registration from among patent applications filed by a

specified enterprise within a specified period;

average period before examination request calculation
means for calculating a period before examination request for
individual applications by subtracting a filing date from a
5   date of examination request described in the acquired
unexamined publications or publications of registrations,
calculating an accumulated period before examination request
by counting the calculated period before examination request
for all patents requested for examination, and calculating the
10   average period before examination request through dividing the
accumulated period before examination request by the total
number of patents requested for examination and the average
number of days of one year or one month; and

output means for outputting the calculated average period
15   before examination request to display means, printing means,
recording medium, or another telecommunications device via a
communication line.

8.   An enterprise evaluation device, comprising:
20   official gazette acquisition means for acquiring, from a
database, unexamined publications requested for examination
and publications of patent registrations subjected to
registration from among patent applications in a predetermined
technical field filed by a specified enterprise within a
25   specified period;

average period before examination request calculation

157

means for calculating a period before examination request for individual applications by subtracting a filing date from a date of examination request described in the acquired unexamined publications or publications of registrations,

5   calculating an accumulated period before examination request by counting the calculated period before examination request for all patents requested for examination, and calculating the average period before examination request through dividing the accumulated period before examination request by the total

10   number of patents requested for examination; and

output means for outputting the calculated average period before examination request to display means, printing means, recording medium, or another telecommunications device via a communication line.

15

9.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications requested for examination and publications of patent registrations subjected to

20   registration from among patent applications in a predetermined technical field filed by a specified enterprise within a specified period;

average period before examination request calculation means for calculating a period before examination request for

25   individual applications by subtracting a filing date from a date of examination request described in the acquired

unexamined publications or publications of registrations,

calculating an accumulated period before examination request

by counting the calculated period before examination request

for all patents requested for examination, and calculating the

5   average period before examination request through dividing the

accumulated period before examination request by the total

number of patents requested for examination and the average

number of days of one year or one month; and

output means for outputting the calculated average period

10   before examination request to display means, printing means,

recording medium, or another telecommunications device via a

communication line.

10.   The enterprise evaluation device according to any one of

15   claims 6 to 9,

wherein the publications of registrations are

publications of patent registrations, publications of examined

patent applications, publications of examined utility model

applications or publications of utility model registrations,

20   wherein the unexamined publications are publications of

unexamined patent applications, published Japanese

translations of PCT international applications for patents,

publications of unexamined utility model applications or

published Japanese translations of PCT international

25   applications for utility models; and

wherein, when the publications of registrations are

utility model publications, the patent application refers to a

utility model application, the patent subjected to

registration refers to a utility model subjected to

registration, and the patent requested for examination refers

5   to a utility model requested for examination.

11.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a

database, unexamined publications or publications of

10   registrations based on patent applications or utility model

applications filed by a specified enterprise within a first

specified period;

number-of-inventions acquisition means for acquiring

number of inventions including the number of patent

15   applications or utility model applications or the number of

claims from the acquired unexamined publications or

publications of registrations;

management-finance information acquisition means for

acquiring R&D cost in the specified enterprise within a second

20   specified period from a management-finance database storing

management-finance information of enterprises;

patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

the patent application productivity through dividing the

25   acquired number of inventions by the R&D cost; and

output means for outputting the calculated patent

application productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

5   12.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications filed by a specified enterprise within a first

10   specified period;

number-of-inventions-per-applicant acquisition means for acquiring the number of patent applications or utility model applications or the number of claims from each of the acquired unexamined publications or publications of registrations,

15   acquiring the number of applicants indicated in each of the acquired publications, and acquiring the number of inventions per unit of applicants through dividing the number of patent applications or utility model applications or the number of claims by the number of applicants;

20   number-of-inventions acquisition means for acquiring the total number of inventions by counting the acquired number of inventions per unit of applicants for all of the acquired publications;

management-finance information acquisition means for

25   acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing

management-finance information of enterprises;

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost; and

output means for outputting the calculated patent application productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

13.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by a specified enterprise within a first specified period;

number-of-inventions acquisition means for acquiring number of inventions including the number of patent applications or utility model applications or the number of claims from the acquired unexamined publications or publications of registrations;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of enterprises;

patent application productivity calculation means for

162

calculating the number of inventions per unit of R&D cost as
the patent application productivity through dividing the
acquired number of inventions by the R&D cost; and

output means for outputting the calculated patent

5   application productivity to display means, printing means,
recording medium, or another telecommunications device via a
communication line.

14.   An enterprise evaluation device, comprising:

10   official gazette acquisition means for acquiring, from a
database, unexamined publications or publications of
registrations based on patent applications or utility model
applications in a predetermined technical field filed by a
specified enterprise within a first specified period;

15   number-of-inventions-per-applicant acquisition means for
acquiring the number of patent applications or utility model
applications or the number of claims from each the acquired
unexamined publications or publications of registrations,
acquiring the number of applicants indicated in each of the

20   acquired publications, and acquiring the number of inventions
per unit of applicants through dividing the number of patent
applications or utility model applications or the number of
claims by the number of applicants;

number-of-inventions acquisition means for acquiring the

25   total number of inventions by counting the acquired number of
inventions per unit of applicants for all of the acquired

163

publications;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing

5 management-finance information of enterprises;

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost; and

10 output means for outputting the calculated patent application productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

15 15. An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications filed by a specified enterprise within a first

20 specified period;

number-of-inventions acquisition means for acquiring number of inventions including the number of patent applications or utility model applications or the number of claims from the acquired unexamined publications or

25 publications of registrations;

management-finance information acquisition means for

acquiring R&D cost in the specified enterprise within a second

specified period from a management-finance database storing

management-finance information of enterprises;

patent application productivity calculation means for

5   calculating the number of inventions per unit of R&D cost as

the patent application productivity through dividing the

acquired number of inventions by the R&D cost;

publication in which an examination request period has

passed acquisition means for acquiring, from a database,

10   unexamined publications or publications of registrations based

on patent applications or utility model applications filed by

the specified enterprise within a third specified period so

that the examination request period pass before tabulation;

estimated examination request ratio acquisition means for

15   acquiring the number of patent applications and the number of

examination requests made in the applications from the

unexamined publications or publications of registrations based

on patent applications or utility model applications filed

within the third specified period, and calculating the

20   estimated examination request ratio through dividing the

acquired number of examination requests by the acquired number

of patent applications;

examination request productivity calculation means for

calculating the examination request productivity by

25   multiplying the calculated patent application productivity

with the estimated examination request ratio; and

output means for outputting the calculated examination request productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

5

16.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications or utility model

10   applications filed by a specified enterprise within a first specified period;

number-of-inventions-per-applicant acquisition means for acquiring the number of patent applications or utility model applications or the number of claims from each of the acquired

15   unexamined publications or publications of registrations, acquiring the number of applicants indicated in each of the acquired publications, and acquiring the number of inventions per unit of applicants through dividing the number of patent applications or utility model applications or the number of

20   claims by the number of applicants;

number-of-inventions acquisition means for acquiring the total number of inventions by counting the acquired number of inventions per unit of applicants for all of the acquired publications;

25   management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second

specified period from a management-finance database storing

management-finance information of enterprises;

patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

5   the patent application productivity through dividing the

acquired number of inventions by the R&D cost;

publication in which an examination request period has

passed acquisition means for acquiring, from a database,

unexamined publications or publications of registrations based

10   on patent applications or utility model applications filed by

the specified enterprise within a third specified period so

that the examination request period pass before tabulation;

estimated examination request ratio acquisition means for

acquiring the number of patent applications and the number of

15   examination requests made in the applications from the

unexamined publications or publications of registrations based

on patent applications or utility model applications filed

within the third specified period, and calculating the

estimated examination request ratio through dividing the

20   acquired number of examination requests by the acquired number

of patent applications;

examination request productivity calculation means for

calculating the examination request productivity by

multiplying the calculated patent application productivity

25   with the estimated examination request ratio; and

output means for outputting the calculated examination

167

request productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

5   17.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by a

10   specified enterprise within a first specified period;

number-of-inventions acquisition means for acquiring number of inventions including the number of patent applications or utility model applications or the number of claims from the acquired unexamined publications or

15   publications of registrations;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of enterprises;

20   patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

publication in which an examination request period has

25   passed acquisition means for acquiring, from a database, unexamined publications or publications of registrations based

on patent applications or utility model applications in a
predetermined technical field filed by the specified
enterprise within a third specified period so that the
examination request period pass before tabulation;

5   estimated examination request ratio acquisition means for
acquiring the number of patent applications and the number of
examination requests made in the applications from the
unexamined publications or publications of registrations based
on patent applications or utility model applications in a

10   predetermined technical field filed within the third specified
period, and calculating the estimated examination request
ratio through dividing the acquired number of examination
requests by the acquired number of patent applications;

examination request productivity calculation means for

15   calculating the examination request productivity by
multiplying the calculated patent application productivity
with the estimated examination request ratio; and

output means for outputting the calculated examination
request productivity to display means, printing means,

20   recording medium, or another telecommunications device via a
communication line.

18.   An enterprise evaluation device, comprising:

official gazette acquisition means for acquiring, from a

25   database, unexamined publications or publications of
registrations based on patent applications or utility model

169

applications in a predetermined technical field filed by a
specified enterprise within a first specified period;

number-of-inventions-per-applicant acquisition means for
acquiring the number of patent applications or utility model
applications or the number of claims from each of the acquired
unexamined publications or publications of registrations,
acquiring the number of applicants indicated in each of the
acquired publications, and acquiring the number of inventions
per unit of applicants through dividing the number of patent
applications or utility model applications or the number of
claims by the number of applicants;

number-of-inventions acquisition means for acquiring the
total number of inventions by counting the acquired number of
inventions per unit of applicants for all of the acquired
publications;

management-finance information acquisition means for
acquiring R&D cost in the specified enterprise within a second
specified period from a management-finance database storing
management-finance information of enterprises;

patent application productivity calculation means for
calculating the number of inventions per unit of R&D cost as
the patent application productivity through dividing the
acquired number of inventions by the R&D cost;

publication in which an examination request period has
passed acquisition means for acquiring, from a database,
unexamined publications or publications of registrations based

on patent applications or utility model applications in a predetermined technical field filed by the specified enterprise within a third specified period so that the examination request period pass before tabulation;

5   estimated examination request ratio acquisition means for acquiring the number of patent applications and the number of examination requests made in the applications from the unexamined publications or publications of registrations based on patent applications or utility model applications in a

10   predetermined technical field filed within the third specified period, and calculating the estimated examination request ratio through dividing the acquired number of examination requests by the acquired number of patent applications;

examination request productivity calculation means for

15   calculating the examination request productivity by multiplying the calculated patent application productivity with the estimated examination request ratio; and

output means for outputting the calculated examination request productivity to display means, printing means,

20   recording medium, or another telecommunications device via a communication line.

19.   An enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring,

25   from a database, unexamined publications or publications of registrations based on patent applications filed by a

171

specified enterprise within a first specified period;

number-of-inventions acquisition means for acquiring number of inventions including the number of patent applications or the number of claims from the acquired

5 unexamined publications or publications of registrations;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of enterprises;

10 patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

fourth official gazette acquisition means for acquiring,

15 from a database, publications of patent registrations subjected to registration from among the patent applications filed by the specified enterprise within a fourth specified period;

average period required for registration calculation

20 means for calculating a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculating an accumulated required registration period by counting the calculated required

25 registration period for all patents subjected to the registration, and calculating the average period required for

172

registration through dividing the accumulated required

registration period by the total number of patents subjected

to the registration;

    fifth official gazette acquisition means for acquiring,

5   from a database, unexamined publications or publications of

registrations based on patent applications filed by the

specified enterprise within a fifth specified period, and the

publications of patent registrations subjected to registration

by the arrival of a predetermined time from among the patent

10 applications;

    cumulative number of patent applications acquisition

means for acquiring, for each predetermined period, the

cumulative number of patent applications filed by the

specified enterprise within the specified period based on the

15 acquired unexamined publications or publications of

registrations;

    cumulative number of patent registrations acquisition

means for acquiring, for each predetermined time, the

cumulative number of patent registrations of patents subjected

20 to registration by the arrival of each predetermined time

based on the acquired publication of registrations;

    cumulative patent registration ratio calculation means

for calculating, for each predetermined time, the cumulative

patent registration ratio through dividing the acquired

25 cumulative number of patent registrations by the cumulative

number of patent applications;

<div align="center">173</div>

estimated registration ratio calculation means for calculating, for each predetermined time, the natural logarithm of the cumulative patent registration ratio and calculating the regression line or regression curve thereof,

5 and calculating a future estimated registration ratio by substituting the calculated average period required for registration for the calculated regression line or regression curve;

patent acquisition productivity calculation means for

10 calculating the patent acquisition productivity by multiplying the calculated patent application productivity with the estimated registration ratio; and

output means for outputting the calculated patent acquisition productivity to display means, printing means,

15 recording medium, or another telecommunications device via a communication line.

20. An enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring,

20 from a database, unexamined publications or publications of registrations based on patent applications filed by a specified enterprise within a first specified period;

number-of-inventions-per-applicant acquisition means for acquiring the number of patent applications or the number of

25 claims from each of the acquired unexamined publications or publications of registrations, acquiring the number of

applicants indicated in each of the acquired publications, and
acquiring the number of inventions per unit of applicants
through dividing the number of patent applications or the
number of claims by the number of applicants;

5   number-of-inventions acquisition means for acquiring the
total number of inventions by counting the acquired number of
inventions per unit of applicants for all of the acquired
publications;

management-finance information acquisition means for
10 acquiring R&D cost in the specified enterprise within a second
specified period from a management-finance database storing
management-finance information of enterprises;

patent application productivity calculation means for
calculating the number of inventions per unit of R&D cost as
15 the patent application productivity through dividing the
acquired number of inventions by the R&D cost;

fourth official gazette acquisition means for acquiring,
from a database, publications of patent registrations
subjected to registration from among the patent applications
20 filed by the specified enterprise within a fourth specified
period;

average period required for registration calculation
means for calculating a required registration period for
individual applications by subtracting a filing date from a
25 registration date indicated in the acquired publications of
registrations, calculating an accumulated required

175

registration period by counting the calculated required

registration period for all patents subjected to the

registration, and calculating the average period required for

registration through dividing the accumulated required

5   registration period by the total number of patents subjected

to the registration;

fifth official gazette acquisition means for acquiring,

from a database, unexamined publications or publications of

registrations based on patent applications filed by the

10   specified enterprise within a fifth specified period, and the

publications of patent registrations subjected to registration

by the arrival of a predetermined time from among the patent

applications;

cumulative number of patent applications acquisition

15   means for acquiring, for each predetermined period, the

cumulative number of patent applications filed by the

specified enterprise within the specified period based on the

acquired unexamined publications or publications of

registrations;

20   cumulative number of patent registrations acquisition

means for acquiring, for each predetermined time, the

cumulative number of patent registrations of patents subjected

to registration by the arrival of each predetermined time

based on the acquired publication of registrations;

25   cumulative patent registration ratio calculation means

for calculating, for each predetermined time, the cumulative

patent registration ratio through dividing the acquired

cumulative number of patent registrations by the cumulative

number of patent applications;

estimated registration ratio calculation means for

5 calculating, for each predetermined time, the natural

logarithm of the cumulative patent registration ratio and

calculating the regression line or regression curve thereof,

and calculating a future estimated registration ratio by

substituting the calculated average period required for

10 registration for the calculated regression line or regression

curve;

patent acquisition productivity calculation means for

calculating the patent acquisition productivity by multiplying

the calculated patent application productivity with the

15 estimated registration ratio; and

output means for outputting the calculated patent

acquisition productivity to display means, printing means,

recording medium, or another telecommunications device via a

communication line.

20

21. An enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring,

from a database, unexamined publications or publications of

registrations based on patent applications in a predetermined

25 technical field filed by a specified enterprise within a first

specified period;

177

number-of-inventions-per-applicant acquisition means for acquiring the number of patent applications or the number of claims from each of the acquired unexamined publications or publications of registrations, acquiring the number of

5   applicants indicated in each of the acquired publications, and acquiring the number of inventions per unit of applicants through dividing the number of patent applications or the number of claims by the number of applicants;

number-of-inventions acquisition means for acquiring the

10   total number of inventions by counting the acquired number of inventions per unit of applicants for all of the acquired publications;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second

15   specified period from a management-finance database storing management-finance information of enterprises;

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the

20   acquired number of inventions by the R&D cost;

fourth official gazette acquisition means for acquiring, from a database, publications of patent registrations subjected to registration from among the patent applications in a predetermined technical field filed by the specified

25   enterprise within a fourth specified period;

average period required for registration calculation

178

means for calculating a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculating an accumulated required

5   registration period by counting the calculated required registration period for all patents subjected to the registration, and calculating the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected

10   to the registration;

fifth official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications in a predetermined technical field filed by the specified enterprise within a

15   fifth specified period, and the publications of patent registrations subjected to registration by the arrival of a predetermined time from among the patent applications;

cumulative number of patent applications acquisition means for acquiring, for each predetermined period, the

20   cumulative number of patent applications filed by the specified enterprise within the specified period based on the acquired unexamined publications or publications of registrations;

cumulative number of patent registrations acquisition

25   means for acquiring, for each predetermined time, the cumulative number of patent registrations of patents subjected

179

to registration by the arrival of each predetermined time based on the acquired publication of registrations;

cumulative patent registration ratio calculation means for calculating, for each predetermined time, the cumulative

5   patent registration ratio through dividing the acquired cumulative number of patent registrations by the cumulative number of patent applications;

estimated registration ratio calculation means for calculating, for each predetermined time, the natural

10   logarithm of the cumulative patent registration ratio and calculating the regression line or regression curve thereof, and calculating a future estimated registration ratio by substituting the calculated average period required for registration for the calculated regression line or regression

15   curve;

patent acquisition productivity calculation means for calculating the patent acquisition productivity by multiplying the calculated patent application productivity with the estimated registration ratio; and

20   output means for outputting the calculated patent acquisition productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

25   22.   An enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring,

180

from a database, unexamined publications or publications of registrations based on patent applications in a predetermined technical field filed by a specified enterprise within a first specified period;

5   number-of-inventions-per-applicant acquisition means for acquiring the number of patent applications or the number of claims from each of the acquired unexamined publications or publications of registrations, acquiring the number of applicants indicated in each of the acquired publications, and

10   acquiring the number of inventions per unit of applicants through dividing the number of patent applications or the number of claims by the number of applicants;

number-of-inventions acquisition means for acquiring the total number of inventions by counting the acquired number of

15   inventions per unit of applicants for all of the acquired publications;

management-finance information acquisition means for acquiring R&D cost in the specified enterprise within a second specified period from a management-finance database storing

20   management-finance information of enterprises;

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

25   fourth official gazette acquisition means for acquiring, from a database, publications of patent registrations

181

subjected to registration from among the patent applications in a predetermined technical field filed by the specified enterprise within a fourth specified period;

average period required for registration calculation
5   means for calculating a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculating an accumulated required registration period by counting the calculated required
10   registration period for all patents subjected to the registration, and calculating the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected to the registration;

15   fifth official gazette acquisition means for acquiring, from a database, unexamined publications or publications of registrations based on patent applications in a predetermined technical field filed by the specified enterprise within a fifth specified period, and the publications of patent
20   registrations subjected to registration by the arrival of a predetermined time from among the patent applications;

cumulative number of patent applications acquisition means for acquiring, for each predetermined period, the cumulative number of patent applications filed by the
25   specified enterprise within the specified period based on the acquired unexamined publications or publications of

182

registrations;

cumulative number of patent registrations acquisition means for acquiring, for each predetermined time, the cumulative number of patent registrations of patents subjected

5 to registration by the arrival of each predetermined time based on the acquired publication of registrations;

cumulative patent registration ratio calculation means for calculating, for each predetermined time, the cumulative patent registration ratio through dividing the acquired

10 cumulative number of patent registrations by the cumulative number of patent applications;

estimated registration ratio calculation means for calculating, for each predetermined time, the natural logarithm of the cumulative patent registration ratio and

15 calculating the regression line or regression curve thereof, and calculating a future estimated registration ratio by substituting the calculated average period required for registration for the calculated regression line or regression curve;

20 patent acquisition productivity calculation means for calculating the patent acquisition productivity by multiplying the calculated patent application productivity with the estimated registration ratio; and

output means for outputting the calculated patent

25 acquisition productivity to display means, printing means, recording medium, or another telecommunications device via a

183

communication line.

23. The enterprise evaluation device according to any one of claims 19 to 22,

5   wherein the publications of registrations are publications of patent registrations, publications of examined patent applications, publications of examined utility model applications or publications of utility model registrations,

wherein the unexamined publications are publications of

10 unexamined patent applications, published Japanese translations of PCT international applications for patents, publications of unexamined utility model applications or published Japanese translations of PCT international applications for utility models; and

15   wherein, when the publications of registrations are utility model publications, the patent application refers to a utility model application, the patent subjected to registration refers to a utility model subjected to registration.

20

24. The enterprise evaluation device according to claims 3, 4, 8, 9, 13, 14, 17, 18, 21 or 22, wherein the predetermined technical field is a technical field classified by IPC sub-classes, keywords or inventors.

25

25. An enterprise evaluation device, comprising:

184

display data generation means for generating display data

for associating and displaying the patent application

productivity according to any one of claims 11 to 14 and the

examination request productivity according to any one of

5   claims 15 to 18; and

output means for outputting the display data to display

means, printing means, recording medium, or another

telecommunications device via a communication line.

10   26.   An enterprise evaluation device, comprising:

display data generation means for generating display data

for associating and displaying the patent application

productivity according to any one of claims 11 to 14 and the

patent acquisition productivity according to any one of claims

15   19 to 22; and

output means for outputting the display data to display

means, printing means, recording medium, or another

telecommunications device via a communication line.

20   27.   An enterprise evaluation device, comprising:

display data generation means for generating display data

for associating and displaying the examination request

productivity according to any one of claims 15 to 18 and the

patent acquisition productivity according to any one of claims

25   19 to 22; and

output means for outputting the display data to display

means, printing means, recording medium, or another telecommunications device via a communication line.

28.   An enterprise evaluation program executed by information processing means of an enterprise evaluation device comprising:

official gazette acquisition means for acquiring publications of registrations from a database,

average period required for registration calculation means for calculating the average period required for registration,

output means for outputting the average period required for registration to display means or the like, and

information processing means capable of controlling the official gazette acquisition means, average period required for registration calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, publications of patent registrations subjected to registration from among the patent applications filed by a specified enterprise within a specified period;

a function for making the average period required for registration calculation means calculate a required registration period for individual applications by subtracting a filing date from a registration date indicated in the

186

acquired publications of registrations, calculate an

accumulated required registration period by counting the

calculated required registration period for all patents

subjected to the registration, and calculate the average

5   period required for registration through dividing the

accumulated required registration period by the total number

of patents subjected to the registration; and

a function for making the output means output the

calculated average period required for registration to display

10   means, printing means, recording medium, or another

telecommunications device via a communication line.

29.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

15   comprising:

official gazette acquisition means for acquiring

publications of registrations from a database,

average period required for registration calculation

means for calculating the average period required for

20   registration,

output means for outputting the average period required

for registration to display means or the like, and

information processing means capable of controlling the

official gazette acquisition means, average period required

25   for registration calculation means and output means,

wherein the information processing means realizes:

187

a function for making the official gazette acquisition
means acquire, from a database, publications of patent
registrations subjected to registration from among patent
applications filed by a specified enterprise within a

5   specified period;

a function for making the average period required for
registration calculation means calculate a required
registration period for individual applications by subtracting
a filing date from a registration date indicated in the

10 acquired publications of registrations, calculate an
accumulated required registration period by counting the
calculated required registration period for all patents
subjected to the registration, and calculate the average
period required for registration through dividing the

15 accumulated required registration period by the total number
of patents subjected to the registration and the average
number of days of one year or one month; and

a function for making the output means output the
calculated average period required for registration to display

20 means, printing means, recording medium, or another
telecommunications device via a communication line.

30.   An enterprise evaluation program executed by information
processing means of an enterprise evaluation device,

25 comprising:

official gazette acquisition means for acquiring

publications of registrations from a database,

average period required for registration calculation means for calculating the average period required for registration,

5   output means for outputting the average period required for registration to display means or the like, and

information processing means capable of controlling the official gazette acquisition means, average period required for registration calculation means and output means,

10   wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, publications of patent registrations subjected to registration from among patent applications in a predetermined technical field filed by a

15   specified enterprise within a specified period;

a function for making the average period required for period required for registration calculation means calculate a required registration period for individual applications by subtracting a filing date from a registration date indicated

20   in the acquired publications of registrations, calculate an accumulated required registration period by counting the calculated required registration period for all patents subjected to the registration, and calculate the average period required for registration through dividing the

25   accumulated required registration period by the total number of patents subjected to the registration; and

189

a function for making the output means output the

calculated average period required for registration to display

means, printing means, recording medium, or another

telecommunications device via a communication line.

5

31.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

comprising:

official gazette acquisition means for acquiring

10   publications of registrations from a database,

average period required for registration calculation

means for calculating the average period required for

registration,

output means for outputting the average period required

15   for registration to display means or the like, and

information processing means capable of controlling the

official gazette acquisition means, average period required

for registration calculation means and output means,

wherein the information processing means realizes:

20   a function for making the official gazette acquisition

means acquire, from a database, publications of patent

registrations subjected to registration from among patent

applications in a predetermined technical field filed by a

specified enterprise within a specified period;

25   a function for making the average period required for

registration calculation means calculate a required

190

registration period for individual applications by subtracting

a filing date from a registration date indicated in the

acquired publications of registrations, calculate an

accumulated required registration period by counting the

5   calculated required registration period for all patents

subjected to the registration, and calculate the average

period required for registration through dividing the

accumulated required registration period by the total number

of patents subjected to the registration and the average

10 number of days of one year or one month; and

a function for making the output means output the

calculated average period required for registration to display

means, printing means, recording medium, or another

telecommunications device via a communication line.

15

32.   The enterprise evaluation program according to any one of

claims 28 to 31,

wherein the publications of registrations are

publications of patent registrations, publications of examined

20 patent applications, publications of examined utility model

publications or publications of utility model registrations;

and

wherein, when the publications of registrations are

utility model publications, the patent application refers to a

25 utility model application, and the patent subjected to

registration refers to a utility model subjected to

registration.

33.   An enterprise evaluation program executed by information
processing means of an enterprise evaluation device,
5   comprising:
        official gazette acquisition means for acquiring
publications of registrations from a database,
        average period before examination request calculation
means for calculating the average period before examination
10   request,
        output means for outputting the average period before
examination request to display means or the like, and
        information processing means capable of controlling the
official gazette acquisition means, average period before
15   examination request calculation means and output means,
        wherein the information processing means realizes:
        a function for making the official gazette acquisition
means acquire, from a database, unexamined publications
requested for examination and publications of patent
20   registrations subjected to registration from among patent
applications filed by a specified enterprise within a
specified period;
        a function for making the average period before
examination request calculation means calculate a period
25   before examination request for individual applications by
subtracting a filing date from a date of examination request

192

described in the acquired unexamined publications or publications of registrations, calculate an accumulated period before examination request by counting the calculated period before examination request for all patents requested for

5   examination, and calculate the average period before examination request through dividing the accumulated period before examination request by the total number of patents requested for examination; and

        a function for making the output means output the

10   calculated average period before examination request to display means, printing means, recording medium, or another telecommunications device via a communication line.

        34.   An enterprise evaluation program executed by information

15   processing means of an enterprise evaluation device, comprising:

        official gazette acquisition means for acquiring publications of registrations from a database,

        average period before examination request calculation

20   means for calculating the average period before examination request,

        output means for outputting the average period before ·
examination request to display means or the like, and

        information processing means capable of controlling the

25   official gazette acquisition means, average period before examination request calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, unexamined publications requested for examination and publications of patent

5   registrations subjected to registration from among patent applications filed by a specified enterprise within a specified period;

a function for making the average period before examination request calculation means calculate a period

10   before examination request for individual applications by subtracting a filing date from a date of examination request described in the acquired unexamined publications or publications of registrations, calculate an accumulated period before examination request by counting the calculated period

15   before examination request for all patents requested for examination, and calculate the average period before examination request through dividing the accumulated period before examination request by the total number of patents requested for examination and the average number of days of

20   one year or one month; and

a function for making the output means output the calculated average period before examination request to display means, printing means, recording medium, or another telecommunications device via a communication line.

25

35.   An enterprise evaluation program executed by information

194

processing means of an enterprise evaluation device, comprising:

official gazette acquisition means for acquiring publications of registrations from a database,

5   average period before examination request calculation means for calculating the average period before examination request,

output means for outputting the average period before examination request to display means or the like, and

10   information processing means capable of controlling the official gazette acquisition means, average period before examination request calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition

15 means acquire, from a database, unexamined publications requested for examination and publications of patent registrations subjected to registration from among patent applications in a predetermined technical field filed by a specified enterprise within a specified period;

20   a function for making the average period before examination request calculation means calculate a period before examination request for individual applications by subtracting a filing date from a date of examination request described in the acquired unexamined publications or

25 publications of registrations, calculate an accumulated period before examination request by counting the calculated period

195

before examination request for all patents requested for
examination, and calculate the average period before
examination request through dividing the accumulated period
before examination request by the total number of patents
5   requested for examination; and
        a function for making the output means output the
calculated average period before examination request to
display means, printing means, recording medium, or another
telecommunications device via a communication line.
10

36.   An enterprise evaluation program executed by information
processing means of an enterprise evaluation device,
comprising:
        official gazette acquisition means for acquiring
15   publications of registrations from a database,
        average period before examination request calculation
means for calculating the average period before examination
request,
        output means for outputting the average period before
20   examination request to display means or the like, and
        information processing means capable of controlling the
official gazette acquisition means, average period before
examination request calculation means and output means,
        wherein the information processing means realizes:
25   a function for making the official gazette acquisition
means acquire, from a database, unexamined publications

196

requested for examination and publications of patent

registrations subjected to registration from among patent

applications in a predetermined technical field filed by a

specified enterprise within a specified period;

5   a function for making the average period before

examination request calculation means calculate a period

before examination request for individual applications by

subtracting a filing date from a date of examination request

described in the acquired unexamined publications or

10   publications of registrations, calculate an accumulated period

before examination request by counting the calculated period

before examination request for all patents requested for

examination, and calculate the average period before

examination request through dividing the accumulated period

15   before examination request by the total number of patents

requested for examination and the average number of days of

one year or one month; and

a function for making the output means output the

calculated average period before examination request to

20   display means, printing means, recording medium, or another

telecommunications device via a communication line.

37.   The enterprise evaluation program according to any one of

claims 33 to 36,

25   wherein the publications of registrations are

publications of patent registrations, publications of examined

patent applications, publications of examined utility model

applications or publications of utility model registrations,

wherein the unexamined publications are publications of

unexamined patent applications, published Japanese

5   translations of PCT international applications for patents,

publications of unexamined utility model applications or

published Japanese translations of PCT international

applications for utility models; and

wherein, when the publications of registrations are

10   utility model publications, the patent application refers to a

utility model application, the patent subjected to

registration refers to a utility model subjected to

registration, and the patent requested for examination refers

to a utility model requested for examination.

15

38.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

comprising:

official gazette acquisition means for acquiring

20   unexamined publications or publications of registrations from

a database,

number-of-inventions acquisition means for acquiring

number of inventions,

management-finance information acquisition means for

25   acquiring R&D cost from a management-finance database,

patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as the patent application productivity,

output means for outputting the calculated patent application productivity to display means or the like, and

5   information processing means capable of controlling the official gazette acquisition means, number-of-inventions acquisition means, management-finance information acquisition means, patent application productivity calculation means and output means,

10   wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications filed by a specified enterprise

15   within a first specified period;

a function for making the number-of-inventions acquisition means acquire number of inventions including the number of patent applications or utility model applications or the number of claims from the acquired unexamined publications

20   or publications of registrations;

a function for making the management-finance information acquisition means acquire R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of

25   enterprises;

a function for making the patent application productivity

199

calculation means calculate the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost; and

5   a function for making the output means output the calculated patent application productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

10   39.   An enterprise evaluation program executed by information processing means of an enterprise evaluation device, comprising:

official gazette acquisition means for acquiring unexamined publications or publications of registrations from

15   a database,

number-of-inventions-per-applicant acquisition means for acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the total number of inventions,

20   management-finance information acquisition means for acquiring R&D cost from a management-finance database,

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity,

25   output means for outputting the calculated patent application productivity to display means or the like, and

information processing means capable of controlling the
official gazette acquisition means, number-of-inventions-per-
applicant acquisition means, number-of-inventions acquisition
means, management-finance information acquisition means,

5   patent application productivity calculation means and output
means,

wherein the information processing means realizes:

a function for making the official gazette acquisition
means acquire, from a database, unexamined publications or

10   publications of registrations based on patent applications or
utility model applications filed by a specified enterprise
within a first specified period;

a function for making the number-of-inventions-per-
applicant acquisition means acquire the number of patent

15   applications or utility model applications or the number of
claims from each of the acquired unexamined publications or
publications of registrations, acquire the number of
applicants indicated in each of the acquired publications, and
acquire the number of inventions per unit of applicants

20   through dividing the number of patent applications or utility
model applications or the number of claims by the number of
applicants;

a function for making the number-of-inventions
acquisition means acquire the total number of inventions by

25   counting the acquired number of inventions per unit of
applicants for all of the acquired publications;

201

a function for making the management-finance information acquisition means acquire R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of

5   enterprises;

a function for making the patent application productivity calculation means calculate the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

10   and

a function for making the output means output the calculated patent application productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

15

40.   An enterprise evaluation program executed by information processing means of an enterprise evaluation device, comprising:

official gazette acquisition means for acquiring

20   unexamined publications or publications of registrations from a database,

number-of-inventions acquisition means for acquiring number of inventions,

management-finance information acquisition means for

25   acquiring R&D cost from a management-finance database,

patent application productivity calculation means for

202

calculating the number of inventions per unit of R&D cost as the patent application productivity,

output means for outputting the calculated patent application productivity to display means or the like, and

5   information processing means capable of controlling the official gazette acquisition means, number-of-inventions acquisition means, management-finance information acquisition means, patent application productivity calculation means and output means,

10   wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field

15   filed by a specified enterprise within a first specified period;

a function for making the number-of-inventions acquisition means acquire number of inventions including the number of patent applications or utility model applications or

20   the number of claims from the acquired unexamined publications or publications of registrations;

a function for making the management-finance information acquisition means acquire R&D cost in the specified enterprise within a second specified period from a management-finance

25   database storing management-finance information of enterprises;

a function for making the patent application productivity

calculation means calculate the number of inventions per unit

of R&D cost as the patent application productivity through

dividing the acquired number of inventions by the R&D cost;

5   and

a function for making the output means output the

calculated patent application productivity to display means,

printing means, recording medium, or another

telecommunications device via a communication line.

10

41.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

comprising:

official gazette acquisition means for acquiring

15   unexamined publications or publications of registrations from

a database,

number-of-inventions-per-applicant acquisition means for

acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the

20   total number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

25   the patent application productivity,

output means for outputting the calculated patent

204

application productivity to display means or the like, and

information processing means capable of controlling the official gazette acquisition means, number-of-inventions-per-applicant acquisition means, number-of-inventions acquisition

5   means, management-finance information acquisition means, patent application productivity calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition

10   means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by a specified enterprise within a first specified period;

15   a function for making the number-of-inventions-per-applicant acquisition means acquire the number of patent applications or utility model applications or the number of claims from each the acquired unexamined publications or publications of registrations, acquire the number of

20   applicants indicated in each of the acquired publications, and acquire the number of inventions per unit of applicants through dividing the number of patent applications or utility model applications or the number of claims by the number of applicants;

25   a function for making the number-of-inventions acquisition means acquire the total number of inventions by

counting the acquired number of inventions per unit of
applicants for all of the acquired publications;

a function for making the management-finance information
acquisition means acquire R&D cost in the specified enterprise
5   within a second specified period from a management-finance
database storing management-finance information of
enterprises;

a function for making the patent application productivity
calculation means calculate the number of inventions per unit
10   of R&D cost as the patent application productivity through
dividing the acquired number of inventions by the R&D cost;
and

a function for making the output means output the
calculated patent application productivity to display means,
15   printing means, recording medium, or another
telecommunications device via a communication line.

42.   An enterprise evaluation program executed by information
processing means of an enterprise evaluation device,
20   comprising:

official gazette acquisition means for acquiring
unexamined publications or publications of registrations from
a database,

number-of-inventions acquisition means for acquiring
25   number of inventions,

management-finance information acquisition means for

206

acquiring R&D cost from a management-finance database,

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity,

5   publication in which an examination request period has passed acquisition means for acquiring unexamined publications or publications of registrations from a database,

estimated examination request ratio acquisition means for acquiring the estimated examination request ratio,

10   examination request productivity calculation means for calculating the examination request productivity,

output means for outputting the calculated examination request productivity to display means or the like, and

information processing means capable of controlling the

15   official gazette acquisition means, number-of-inventions acquisition means, management-finance information acquisition means, patent application productivity calculation means, publication in which an examination request period has passed acquisition means, estimated examination request ratio

20   acquisition means, examination request productivity calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition means acquire, from a database, unexamined publications or

25   publications of registrations based on patent applications or utility model applications filed by a specified enterprise

within a first specified period;

a function for making the number-of-inventions
acquisition means acquire number of inventions including the
number of patent applications or utility model applications or
5   the number of claims from the acquired unexamined publications
or publications of registrations;

a function for making the management-finance information
acquisition means acquire R&D cost in the specified enterprise
within a second specified period from a management-finance
10   database storing management-finance information of
enterprises;

a function for making the patent application productivity
calculation means calculate the number of inventions per unit
of R&D cost as the patent application productivity through
15   dividing the acquired number of inventions by the R&D cost;

a function for making the publication in which an
examination request period has passed acquisition means
acquire, from a database, unexamined publications or
publications of registrations based on patent applications or
20   utility model applications filed by the specified enterprise
within a third specified period so that the examination
request period pass before tabulation;

a function for making the estimated examination request
ratio acquisition means acquire the number of patent
25   applications and the number of examination requests made in
the applications from the unexamined publications or

208

publications of registrations based on patent applications or utility model applications filed within the third specified period, and calculate the estimated examination request ratio through dividing the acquired number of examination requests by the acquired number of patent applications;

a function for making the examination request productivity calculation means calculate the examination request productivity by multiplying the calculated patent application productivity with the estimated examination request ratio; and

a function for making the output means output the calculated examination request productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

43. An enterprise evaluation program executed by information processing means of an enterprise evaluation device, comprising:

official gazette acquisition means for acquiring unexamined publications or publications of registrations from a database,

number-of-inventions-per-applicant acquisition means for acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the total number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

patent application productivity calculation means for
calculating the number of inventions per unit of R&D cost as
the patent application productivity,

5   publication in which an examination request period has
passed acquisition means for acquiring unexamined publications
or publications of registrations from a database,

estimated examination request ratio acquisition means for
acquiring the estimated examination request ratio,

10   examination request productivity calculation means for
calculating the examination request productivity,

output means for outputting the calculated examination
request productivity to display means or the like, and

information processing means capable of controlling the
15   official gazette acquisition means, number-of-inventions-per-
applicant acquisition means, number-of-inventions acquisition
means, management-finance information acquisition means,
patent application productivity calculation means, publication
in which an examination request period has passed acquisition
20   means, estimated examination request ratio acquisition means,
examination request productivity calculation means and output
means,

wherein the information processing means realizes:

a function for making the official gazette acquisition
25   means acquire, from a database, unexamined publications or
publications of registrations based on patent applications or

utility model applications filed by a specified enterprise
within a first specified period;

a function for making the number-of-inventions-per-
applicant acquisition means acquire the number of patent

5   applications or utility model applications or the number of
claims from each of the acquired unexamined publications or
publications of registrations, acquire the number of
applicants indicated in each of the acquired publications, and
acquire the number of inventions per unit of applicants

10   through dividing the number of patent applications or utility
model applications or the number of claims by the number of
applicants;

a function for making the number-of-inventions
acquisition means acquire the total number of inventions by

15   counting the acquired number of inventions per unit of
applicants for all of the acquired publications;

a function for making the management-finance information
acquisition means acquire R&D cost in the specified enterprise
within a second specified period from a management-finance

20   database storing management-finance information of
enterprises;

a function for making the patent application productivity
calculation means calculate the number of inventions per unit
of R&D cost as the patent application productivity through

25   dividing the acquired number of inventions by the R&D cost;

a function for making the publication in which an

examination request period has passed acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications filed by the specified enterprise

5   within a third specified period so that the examination request period pass before tabulation;

a function for making the estimated examination request ratio acquisition means acquire the number of patent applications and the number of examination requests made in

10   the applications from the unexamined publications or publications of registrations based on patent applications or utility model applications filed within the third specified period, and calculate the estimated examination request ratio through dividing the acquired number of examination requests

15   by the acquired number of patent applications;

a function for making the examination request productivity calculation means calculate the examination request productivity by multiplying the calculated patent application productivity with the estimated examination

20   request ratio; and

a function for making the output means output the calculated examination request productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

25

44.   An enterprise evaluation program executed by information

212

processing means of an enterprise evaluation device,

comprising:

official gazette acquisition means for acquiring

unexamined publications or publications of registrations from

5   a database,

number-of-inventions acquisition means for acquiring

number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

10   patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

the patent application productivity,

publication in which an examination request period has

passed acquisition means for acquiring unexamined publications

15 or publications of registrations from a database,

estimated examination request ratio acquisition means for

acquiring the estimated examination request ratio,

examination request productivity calculation means for

calculating the examination request productivity,

20   output means for outputting the calculated examination

request productivity to display means or the like, and

information processing means capable of controlling the

official gazette acquisition means, number-of-inventions

acquisition means, management-finance information acquisition

25 means, patent application productivity calculation means,

publication in which an examination request period has passed

213

acquisition means, estimated examination request ratio
acquisition means, examination request productivity
calculation means and output means,

wherein the information processing means realizes:

5   a function for making the official gazette acquisition
means acquire, from a database, unexamined publications or
publications of registrations based on patent applications or
utility model applications in a predetermined technical field
filed by a specified enterprise within a first specified
10   period;

a function for making the number-of-inventions
acquisition means acquire number of inventions including the
number of patent applications or utility model applications or
the number of claims from the acquired unexamined publications
15   or publications of registrations;

a function for making the management-finance information
acquisition means acquire R&D cost in the specified enterprise
within a second specified period from a management-finance
database storing management-finance information of
20   enterprises;

a function for making the patent application productivity
calculation means calculate the number of inventions per unit
of R&D cost as the patent application productivity through
dividing the acquired number of inventions by the R&D cost;

25   a function for making the publication in which an
examination request period has passed acquisition means

214

acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by the specified enterprise within a third specified

5   period so that the examination request period pass before tabulation;

a function for making the estimated examination request ratio acquisition means acquire the number of patent applications and the number of examination requests made in

10 the applications from the unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed within the third specified period, and calculate the estimated examination request ratio through dividing the

15 acquired number of examination requests by the acquired number of patent applications;

a function for making the examination request productivity calculation means calculate the examination request productivity by multiplying the calculated patent

20 application productivity with the estimated examination request ratio; and

a function for making the output means output the calculated examination request productivity to display means, printing means, recording medium, or another

25 telecommunications device via a communication line.

215

45.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

comprising:

official gazette acquisition means for acquiring

5   unexamined publications or publications of registrations from

a database,

number-of-inventions-per-applicant acquisition means for

acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the

10   total number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

15   the patent application productivity,

publication in which an examination request period has

passed acquisition means for acquiring unexamined publications

or publications of registrations from a database,

estimated examination request ratio acquisition means for

20   acquiring the estimated examination request ratio,

examination request productivity calculation means for

calculating the examination request productivity,

output means for outputting the calculated examination

request productivity to display means or the like, and

25   information processing means capable of controlling the

official gazette acquisition means, number-of-inventions-per-

applicant acquisition means, number-of-inventions acquisition means, management-finance information acquisition means, patent application productivity calculation means, publication in which an examination request period has passed acquisition

5   means, estimated examination request ratio acquisition means, examination request productivity calculation means and output means,

wherein the information processing means realizes:

a function for making the official gazette acquisition

10   means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by a specified enterprise within a first specified period;

15   a function for making the number-of-inventions-per-applicant acquisition means acquire the number of patent applications or utility model applications or the number of claims from each of the acquired unexamined publications or publications of registrations, acquire the number of

20   applicants indicated in each of the acquired publications, and acquire the number of inventions per unit of applicants through dividing the number of patent applications or utility model applications or the number of claims by the number of applicants;

25   a function for making the number-of-inventions acquisition means acquire the total number of inventions by

counting the acquired number of inventions per unit of applicants for all of the acquired publications;

a function for making the management-finance information acquisition means acquire R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of enterprises;

a function for making the patent application productivity calculation means calculate the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

a function for making the publication in which an examination request period has passed acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed by the specified enterprise within a third specified period so that the examination request period pass before tabulation;

a function for making the estimated examination request ratio acquisition means acquire the number of patent applications and the number of examination requests made in the applications from the unexamined publications or publications of registrations based on patent applications or utility model applications in a predetermined technical field filed within the third specified period, and calculate the

estimated examination request ratio through dividing the acquired number of examination requests by the acquired number of patent applications;

a function for making the examination request

5   productivity calculation means calculate the examination request productivity by multiplying the calculated patent application productivity with the estimated examination request ratio; and

a function for making the output means output the

10 calculated examination request productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

46.   An enterprise evaluation program executed by information

15 processing means of an enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring unexamined publications or publications of registrations from a database,

20   number-of-inventions acquisition means for acquiring number of inventions,

management-finance information acquisition means for acquiring R&D cost from a management-finance database,

patent application productivity calculation means for

25 calculating the number of inventions per unit of R&D cost as the patent application productivity,

fourth official gazette acquisition means for acquiring publications of registrations from a database,

average period required for registration calculation means for calculating the average period required for
5   registration,

fifth official gazette acquisition means for acquiring publications of registrations from a database,

cumulative number of patent applications acquisition means for acquiring the cumulative number of patent
10   applications for each predetermined period,

cumulative number of patent registrations acquisition means for acquiring the cumulative number of patent registrations for each predetermined time,

cumulative patent registration ratio calculation means
15   for calculating the cumulative patent registration ratio for each predetermined time,

estimated registration ratio calculation means for calculating a future estimated registration ratio,

patent acquisition productivity calculation means for
20   calculating the patent acquisition productivity,

output means for outputting the calculated patent acquisition productivity to display means or the like, and

information processing means capable of controlling the first official gazette acquisition means, number-of-inventions
25   acquisition means, management-finance information acquisition means, patent application productivity calculation means,

220

fourth official gazette acquisition means, average period required for registration calculation means, fifth official gazette acquisition means, cumulative number of patent applications acquisition means, cumulative number of patent

5   registrations acquisition means, cumulative patent registration ratio calculation means, estimated registration ratio calculation means, patent acquisition productivity calculation means and output means,

wherein the information processing means realizes:

10   a function for making the first official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications filed by a specified enterprise within a first specified period;

15   a function for making the number-of-inventions acquisition means acquire number of inventions including the number of patent applications or the number of claims from the acquired unexamined publications or publications of registrations;

20   a function for making the management-finance information acquisition means acquire R&D cost in the specified enterprise within a second specified period from a management-finance database storing management-finance information of enterprises;

25   a function for making the patent application productivity calculation means calculate the number of inventions per unit

221

of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

a function for making the fourth official gazette acquisition means acquire, from a database, publications of patent registrations subjected to registration from among the patent applications filed by the specified enterprise within a fourth specified period;

a function for making the average period required for registration calculation means calculate a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculate an accumulated required registration period by counting the calculated required registration period for all patents subjected to the registration, and calculate the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected to the registration;

a function for making the fifth official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications filed by the specified enterprise within a fifth specified period, and the publications of patent registrations subjected to registration by the arrival of a predetermined time from among the patent applications;

a function for making the cumulative number of patent

applications acquisition means acquire, for each predetermined period, the cumulative number of patent applications filed by the specified enterprise within the specified period based on the acquired unexamined publications or publications of

5 registrations;

a function for making the cumulative number of patent registrations acquisition means acquire, for each predetermined time, the cumulative number of patent registrations of patents subjected to registration by the

10 arrival of each predetermined time based on the acquired publication of registrations;

a function for making the cumulative patent registration ratio calculation means calculate, for each predetermined time, the cumulative patent registration ratio through dividing the

15 acquired cumulative number of patent registrations by the cumulative number of patent applications;

a function for making the estimated registration ratio calculation means calculate, for each predetermined time, the natural logarithm of the cumulative patent registration ratio

20 and calculate the regression line or regression curve thereof, and calculate a future estimated registration ratio by substituting the calculated average period required for registration for the calculated regression line or regression curve;

25 a function for making the patent acquisition productivity calculation means calculate the patent acquisition

223

productivity by multiplying the calculated patent application

productivity with the estimated registration ratio; and

a function for making the output means output the

calculated patent acquisition productivity to display means,

5 printing means, recording medium, or another

telecommunications device via a communication line.

47. An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

10 comprising:

first official gazette acquisition means for acquiring

unexamined publications or publications of registrations from

a database,

number-of-inventions-per-applicant acquisition means for

15 acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the

total number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

20 patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

the patent application productivity,

fourth official gazette acquisition means for acquiring

publications of registrations from a database,

25 average period required for registration calculation

means for calculating the average period required for

registration,

fifth official gazette acquisition means for acquiring
publications of registrations from a database,

cumulative number of patent applications acquisition

5   means for acquiring the cumulative number of patent
applications for each predetermined period,

cumulative number of patent registrations acquisition
means for acquiring the cumulative number of patent
registrations for each predetermined time,

10   cumulative patent registration ratio calculation means
for calculating the cumulative patent registration ratio for
each predetermined time,

estimated registration ratio calculation means for
calculating a future estimated registration ratio,

15   patent acquisition productivity calculation means for
calculating the patent acquisition productivity,

output means for outputting the calculated patent
acquisition productivity to display means or the like, and

information processing means capable of controlling the

20   first official gazette acquisition means, number-of-
inventions-per-applicant acquisition means, number-of-
inventions acquisition means, management-finance information
acquisition means, patent application productivity calculation
means, fourth official gazette acquisition means, average

25   period required for registration calculation means, fifth
official gazette acquisition means, cumulative number of

patent applications acquisition means, cumulative number of

patent registrations acquisition means, cumulative patent

registration ratio calculation means, estimated registration

ratio calculation means, patent acquisition productivity

5   calculation means and output means,

wherein the information processing means realizes:

a function for making the first official gazette

acquisition means acquire, from a database, unexamined

publications or publications of registrations based on patent

10 applications filed by a specified enterprise within a first

specified period;

a function for making the number-of-inventions-per-

applicant acquisition means acquire the number of patent

applications or the number of claims from each of the acquired

15 unexamined publications or publications of registrations,

acquire the number of applicants indicated in each of the

acquired publications, and acquire the number of inventions

per unit of applicants through dividing the number of patent

applications or the number of claims by the number of

20 applicants;

a function for making the number-of-inventions

acquisition means acquire the total number of inventions by

counting the acquired number of inventions per unit of

applicants for all of the acquired publications;

25   a function for making the management-finance information

acquisition means acquire R&D cost in the specified enterprise

within a second specified period from a management-finance database storing management-finance information of enterprises;

a function for making the patent application productivity calculation means calculate the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

a function for making the fourth official gazette acquisition means acquire, from a database, publications of patent registrations subjected to registration from among the patent applications filed by the specified enterprise within a fourth specified period;

a function for making the average period required for registration calculation means calculate a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculate an accumulated required registration period by counting the calculated required registration period for all patents subjected to the registration, and calculate the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected to the registration;

a function for making the fifth official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent

applications filed by the specified enterprise within a fifth

specified period, and the publications of patent registrations

subjected to registration by the arrival of a predetermined

time from among the patent applications;

5   a function for making the cumulative number of patent

applications acquisition means acquire, for each predetermined

period, the cumulative number of patent applications filed by

the specified enterprise within the specified period based on

the acquired unexamined publications or publications of

10   registrations;

a function for making the cumulative number of patent

registrations acquisition means acquire, for each .

predetermined time, the cumulative number of patent

registrations of patents subjected to registration by the

15   arrival of each predetermined time based on the acquired

publication of registrations;

a function for making the cumulative patent registration

ratio calculation means calculate, for each predetermined time,

the cumulative patent registration ratio through dividing the

20   acquired cumulative number of patent registrations by the

cumulative number of patent applications;

a function for making the estimated registration ratio

calculation means calculate, for each predetermined time, the

natural logarithm of the cumulative patent registration ratio

25   and calculate the regression line or regression curve thereof,

and calculate a future estimated registration ratio by

substituting the calculated average period required for registration for the calculated regression line or regression curve;

a function for making the patent acquisition productivity calculation means calculate the patent acquisition productivity by multiplying the calculated patent application productivity with the estimated registration ratio; and

a function for making the output means output the calculated patent acquisition productivity to display means, printing means, recording medium, or another telecommunications device via a communication line.

48.   An enterprise evaluation program executed by information processing means of an enterprise evaluation device, comprising:

first official gazette acquisition means for acquiring unexamined publications or publications of registrations from a database,

number-of-inventions acquisition means for acquiring number of inventions,

management-finance information acquisition means for acquiring R&D cost from a management-finance database,

patent application productivity calculation means for calculating the number of inventions per unit of R&D cost as the patent application productivity,

fourth official gazette acquisition means for acquiring

publications of registrations from a database,

average period required for registration calculation
means for calculating the average period required for
registration,

5   fifth official gazette acquisition means for acquiring
publications of registrations from a database,

cumulative number of patent applications acquisition
means for acquiring the cumulative number of patent
applications for each predetermined period,

10   cumulative number of patent registrations acquisition
means for acquiring the cumulative number of patent
registrations for each predetermined time,

cumulative patent registration ratio calculation means
for calculating the cumulative patent registration ratio for

15   each predetermined time,

estimated registration ratio calculation means for
calculating a future estimated registration ratio,

patent acquisition productivity calculation means for
calculating the patent acquisition productivity,

20   output means for outputting the calculated patent
acquisition productivity to display means or the like, and

information processing means capable of controlling the
first official gazette acquisition means, number-of-inventions
acquisition means, management-finance information acquisition

25   means, patent application productivity calculation means,
fourth official gazette acquisition means, average period

230

required for registration calculation means, fifth official

gazette acquisition means, cumulative number of patent

applications acquisition means, cumulative number of patent

registrations acquisition means, cumulative patent

5   registration ratio calculation means, estimated registration

ratio calculation means, patent acquisition productivity

calculation means and output means,

       wherein the information processing means realizes:

       a function for making the first official gazette

10   acquisition means acquire, from a database, unexamined

publications or publications of registrations based on patent

applications in a predetermined technical field filed by a

specified enterprise within a first specified period;

       a function for making the number-of-inventions

15   acquisition means acquire number of inventions including the

number of patent applications or the number of claims from the

acquired unexamined publications or publications of

registrations;

       a function for making the management-finance information

20   acquisition means acquire R&D cost in the specified enterprise

within a second specified period from a management-finance

database storing management-finance information of

enterprises;

       a function for making the patent application productivity

25   calculation means calculate the number of inventions per unit

of R&D cost as the patent application productivity through

231

dividing the acquired number of inventions by the R&D cost;

a function for making the fourth official gazette acquisition means acquire, from a database, publications of patent registrations subjected to registration from among the patent applications in a predetermined technical field filed by the specified enterprise within a fourth specified period;

a function for making the average period required for registration calculation means calculate a required registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculate an accumulated required registration period by counting the calculated required registration period for all patents subjected to the registration, and calculate the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected to the registration;

a function for making the fifth official gazette acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent applications in a predetermined technical field filed by the specified enterprise within a fifth specified period, and the publications of patent registrations subjected to registration by the arrival of a predetermined time from among the patent applications;

a function for making the cumulative number of patent

applications acquisition means acquire, for each predetermined

period, the cumulative number of patent applications filed by

the specified enterprise within the specified period based on

the acquired unexamined publications or publications of

5   registrations;

a function for making the cumulative number of patent

registrations acquisition means acquire, for each

predetermined time, the cumulative number of patent

registrations of patents subjected to registration by the

10   arrival of each predetermined time based on the acquired

publication of registrations;

a function for making the cumulative patent registration

ratio calculation means calculate, for each predetermined time,

the cumulative patent registration ratio through dividing the

15   acquired cumulative number of patent registrations by the

cumulative number of patent applications;

a function for making the estimated registration ratio

calculation means calculate, for each predetermined time, the

natural logarithm of the cumulative patent registration ratio

20   and calculate the regression line or regression curve thereof,

and calculate a future estimated registration ratio by

substituting the calculated average period required for

registration for the calculated regression line or regression

curve;

25   a function for making the patent acquisition productivity

calculation means calculate the patent acquisition

productivity by multiplying the calculated patent application

productivity with the estimated registration ratio; and

a function for making the output means output the

calculated patent acquisition productivity to display means,

5 printing means, recording medium, or another

telecommunications device via a communication line.

49. An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

10 comprising:

first official gazette acquisition means for acquiring

unexamined publications or publications of registrations from

a database,

number-of-inventions-per-applicant acquisition means for

15 acquiring number of inventions per unit of applicants,

number-of-inventions acquisition means for acquiring the

total number of inventions,

management-finance information acquisition means for

acquiring R&D cost from a management-finance database,

20 patent application productivity calculation means for

calculating the number of inventions per unit of R&D cost as

the patent application productivity,

fourth official gazette acquisition means for acquiring

publications of registrations from a database,

25 average period required for registration calculation

means for calculating the average period required for

registration,

fifth official gazette acquisition means for acquiring publications of registrations from a database,

cumulative number of patent applications acquisition
5   means for acquiring the cumulative number of patent applications for each predetermined period,

cumulative number of patent registrations acquisition means for acquiring the cumulative number of patent registrations for each predetermined time,

10   cumulative patent registration ratio calculation means for calculating the cumulative patent registration ratio for each predetermined time,

estimated registration ratio calculation means for calculating a future estimated registration ratio,

15   patent acquisition productivity calculation means for calculating the patent acquisition productivity,

output means for outputting the calculated patent acquisition productivity to display means or the like, and

information processing means capable of controlling the
20   first official gazette acquisition means, number-of-inventions-per-applicant acquisition means, number-of-inventions acquisition means, management-finance information acquisition means, patent application productivity calculation means, fourth official gazette acquisition means, average
25   period required for registration calculation means, fifth official gazette acquisition means, cumulative number of

235

patent applications acquisition means, cumulative number of

patent registrations acquisition means, cumulative patent

registration ratio calculation means, estimated registration

ratio calculation means, patent acquisition productivity

5   calculation means and output means,

wherein the information processing means realizes:

a function for making the first official gazette

acquisition means acquire, from a database, unexamined

publications or publications of registrations based on patent

10   applications in a predetermined technical field filed by a

specified enterprise within a first specified period;

a function for making the number-of-inventions-per-

applicant acquisition means acquire the number of patent

applications or the number of claims from each of the acquired

15   unexamined publications or publications of registrations,

acquire the number of applicants indicated in each of the

acquired publications, and acquire the number of inventions

per unit of applicants through dividing the number of patent

applications or the number of claims by the number of

20   applicants;

a function for making the number-of-inventions

acquisition means acquire the total number of inventions by

counting the acquired number of inventions per unit of

applicants for all of the acquired publications;

25   a function for making the management-finance information

acquisition means acquire R&D cost in the specified enterprise

236

within a second specified period from a management-finance database storing management-finance information of enterprises;

a function for making the patent application productivity
5 calculation means calculate the number of inventions per unit of R&D cost as the patent application productivity through dividing the acquired number of inventions by the R&D cost;

a function for making the fourth official gazette acquisition means acquire, from a database, publications of
10 patent registrations subjected to registration from among the patent applications in a predetermined technical field filed by the specified enterprise within a fourth specified period;

a function for making the average period required for registration calculation means calculate a required
15 registration period for individual applications by subtracting a filing date from a registration date indicated in the acquired publications of registrations, calculate an accumulated required registration period by counting the calculated required registration period for all patents
20 subjected to the registration, and calculate the average period required for registration through dividing the accumulated required registration period by the total number of patents subjected to the registration;

a function for making the fifth official gazette
25 acquisition means acquire, from a database, unexamined publications or publications of registrations based on patent

applications in a predetermined technical field filed by the
specified enterprise within a fifth specified period, and the
publications of patent registrations subjected to registration
by the arrival of a predetermined time from among the patent
5   applications;

a function for making the cumulative number of patent
applications acquisition means acquire, for each predetermined
period, the cumulative number of patent applications filed by
the specified enterprise within the specified period based on
10   the acquired unexamined publications or publications of
registrations;

a function for making the cumulative number of patent
registrations acquisition means acquire, for each
predetermined time, the cumulative number of patent
15   registrations of patents subjected to registration by the
arrival of each predetermined time based on the acquired
publication of registrations;

a function for making the cumulative patent registration
ratio calculation means calculate, for each predetermined time,
20   the cumulative patent registration ratio through dividing the
acquired cumulative number of patent registrations by the
cumulative number of patent applications;

a function for making the estimated registration ratio
calculation means calculate, for each predetermined time, the
25   natural logarithm of the cumulative patent registration ratio
and calculate the regression line or regression curve thereof,

238

and calculate a future estimated registration ratio by
substituting the calculated average period required for
registration for the calculated regression line or regression
curve;

5   a function for making the patent acquisition productivity
calculation means calculate the patent acquisition
productivity by multiplying the calculated patent application
productivity with the estimated registration ratio; and

           a function for making the output means output the
10   calculated patent acquisition productivity to display means,
printing means, recording medium, or another
telecommunications device via a communication line.

     50.   The enterprise evaluation device according to any one of
15   claims 46 to 49,

           wherein the publications of registrations are
publications of patent registrations, publications of examined
patent applications, publications of examined utility model
applications or publications of utility model registrations,

20   wherein the unexamined publications are publications of
unexamined patent applications, published Japanese
translations of PCT international applications for patents,
publications of unexamined utility model applications or
published Japanese translations of PCT international
25   applications for utility models; and

           wherein, when the publications of registrations are

utility model publications, the patent application refers to a
utility model application, and the patent subjected to
registration refers to a utility model subjected to
registration.

5

51.   The enterprise evaluation device according to claims 30,
31, 35, 36, 40, 41, 44, 45, 48 or 49, wherein the
predetermined technical field is a technical field classified
by IPC sub-classes, keywords or inventors.

10

52.   An enterprise evaluation program executed by information
processing means of an enterprise evaluation device,
comprising:

    display data generation means for generating display data,

15   output means for outputting the display data to display
means or the like, and

    information processing means capable of acquiring patent
application productivity and examination request productivity,
and controlling the display data generation means and output

20 means,

    wherein the information processing means realizes:

    a function for acquiring the patent application
productivity according to any one of claims 38 to 41 and the
examination request productivity according to any one of

25 claims 42 to 45;

    a function for making the display data generation means

240

generate display data for associating and displaying the

acquired patent application productivity and examination

request productivity; and

a function for making the output means output the display

5   data to display means, printing means, recording medium, or

another telecommunications device via a communication line.

53.   An enterprise evaluation program executed by information

processing means of an enterprise evaluation device,

10   comprising:

display data generation means for generating display data,

output means for outputting the display data to display

means or the like, and

information processing means capable of acquiring patent

15   application productivity and patent acquisition productivity,

and controlling the display data generation means and output

means,

wherein the information processing means realizes:

a function for acquiring the patent application

20   productivity according to any one of claims 38 to 41 and the

patent acquisition productivity according to any one of claims

46 to 49;

a function for making the display data generation means

generate display data for associating and displaying the

25   patent application productivity and the patent acquisition

productivity; and

a function for making the output means output the display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

5   54.   An enterprise evaluation program executed by information processing means of an enterprise evaluation device, comprising:

display data generation means for generating display data,

output means for outputting the display data to display
10   means or the like, and

information processing means capable of acquiring examination request productivity and patent acquisition productivity, and controlling the display data generation means and output means,

15   wherein the information processing means realizes:

a function for acquiring the examination request productivity according to any one of claims 42 to 45 and the patent acquisition productivity according to any one of claims 46 to 49;

20   a function for making the display data generation means generate display data for associating and displaying the examination request productivity and the patent acquisition productivity; and

a function for making the output means output the display
25   data to display means, printing means, recording medium, or another telecommunications device via a communication line.

242